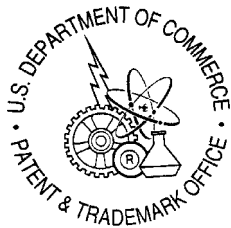


DESIGN PATENTS

JANUARY 1977 -- DECEMBER 1996



April 1997
U.S. PATENT AND TRADEMARK OFFICE
OFFICE OF ELECTRONIC INFORMATION PRODUCTS / TAF PROGRAM
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A TECHNOLOGY ASSESSMENT AND FORECAST REPORT

Design Patents Report 1/1977 - 12/1996 Explanation of Data

This Technology Assessment and Forecast (TAF) Program Report profiles patent activity for U.S. design patents (hereafter referred to as patents) granted between 1977 and December 1996. The source of the data used for this report is the TAF data base maintained by the Office of Electronic Information Products.

Data Distribution By Date of Grant and By Date of Application

Parts A1 and A2

Part A1 distributes patent GRANT data by year of patent grant ("Patents Granted By Date of Patent Grant"). Part A2 distributes grant data by the year in which the patented application was filed ("Patents Granted By Date of Patent Application"). Parts A1 and A2 each provide patent counts (pages A1-1 and A2-1) and percent distributions (pages A1-2 and A2-2).

Patent data in the "Pre 1983" column corresponds to the period January 1, 1977 through December 31, 1982.

Part B

Part B of this report distributes patent GRANT data for organizations that have received U.S. patents since 1977. Data are presented by the year in which the patent was granted ("Patents By Year of Grant") and the year the patented application was filed ("Patents by Year of Application").

DATA FOR THOSE APPLICATIONS WHICH WERE FILED BUT NEVER ISSUED (ROUGHLY 40% OF TOTAL FILINGS) ARE NOT INCLUDED IN THIS REPORT.

Since the average time period between filing for a design patent and the issuing of that patent (i.e., a patent's "pendency") is now about 18 months, the patented application data for the most recent years are incomplete.* This is because a significant number of the applications filed in the most recent years, which will ultimately become patents, were still pending in December 1996. Since they had not yet become patents at the time this report was prepared, they were not included in this report.

Patented application data are of significant value since the date an application was filed more accurately reflects when the technology was developed. Additionally, fluctuations in data based on application date are much more likely to reflect changes in technological activity, since such fluctuations would for the most part be immune from changes in PTO processing such as occurred in 1986 when the PTO issued fewer patents than would normally have been expected due to a lack of funds to print patents. Note that a patent's

"pendency" can be quite variable from one patent to another thereby affecting the date of patent grant. Such variation in pendency is determined by many factors, including PTO workload (which varies between technologies), budget and manpower levels, patent printing schedules, etc.

----- Parts of the Report

Parts A1 and A2 present tables which show, by number and percent, the patent activity. Part A1 presents data by year of patent grant ("Patents Granted by Date of Patent Grant"). Part A2 redistributes grant data by year of patent application ("Patents Granted by Date of Patent Application"). The location of patent origin is determined by the residence of the first-named inventor at the time of grant.

Information on **patent ownership** reflects ownership at the time of patent grant and does not include subsequent changes in ownership. If more than one assignee was declared at the time of grant, the patent is attributed to the first-named assignee. The U.S. and Foreign Corporations ownership categories count predominantly corporate patents; however, patents assigned to other organizations such as small businesses, nonprofit organizations, universities, etc. are also included in this category. While U.S. Government patent ownership includes only patents granted to the Federal Government, no such distinction is made for Foreign Government patents.

Part B is a ranked listing of national and international organizations (i.e., corporations, universities, government agencies) which have received 50 or more U.S. design patents since 1977. Data line 1 for each listed organization distributes counts of patent grants by year of grant. Data line 2 for each organization redistributes those same patent grants by year in which the patented application was filed. Information on patent ownership reflects ownership at the time of patent grant. Although a substantial effort has been made to combine name variations into a single organizational name, many organizations continue to have patents listed under more than one organizational name.

* As of December 31, 1996, DESIGN patent application data were approximately 96% complete for patent applications filed in 1994 and 62% complete for applications filed in 1995. They are essentially complete for applications filed prior to 1994.

Part A1

Patent Grants As Distributed By Year of Patent Grant

---- Patents Granted By Date Of Patent Grant (Granted: Jan 01, 1977 - Dec 31, 1996) ----

	NUMBER OF PATENTS															
	Pre 1983	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Total
Total	24548	4563	4938	5066	5518	5959	5679	6092	8024	9569	9269	10630	11095	11712	11410	134072
U.S. Origin	18657	3278	3428	3475	3546	3902	3645	3883	5069	6075	6013	7416	7697	8251	7863	92198
Foreign Origin	5891	1285	1510	1591	1972	2057	2034	2209	2955	3494	3256	3214	3398	3461	3547	41874
JAPAN	1783	390	503	576	620	698	795	861	1137	1307	1149	1037	1056	1026	936	13874
CANADA	665	98	113	107	134	169	152	153	212	260	240	275	360	330	401	3669
GERMANY	514	105	105	142	156	173	147	144	182	257	258	228	208	221	250	3090
UNITED KINGDOM	551	115	136	114	222	159	153	153	202	237	193	197	186	181	202	3001
TAIWAN	29	6	19	25	61	67	78	97	129	190	250	320	368	466	522	2627
FRANCE	410	112	119	89	115	107	98	129	184	193	234	215	182	169	201	2557
ITALY	221	59	73	90	100	99	91	124	227	176	172	165	143	159	179	2078
SWEDEN	471	81	125	93	138	138	113	88	114	112	98	102	93	107	115	1988
HONG KONG	151	45	44	41	80	56	63	86	99	159	99	121	163	162	159	1528
AUSTRALIA	243	66	55	72	76	69	62	75	81	98	83	88	91	85	87	1331
SWITZERLAND	204	54	32	39	43	63	48	54	57	110	93	69	73	127	74	1140
NETHERLANDS	93	26	25	39	66	49	34	41	46	55	66	78	83	57	44	802
DENMARK	72	13	9	33	28	40	43	37	43	72	77	60	93	99	66	785
SOUTH KOREA	7	1	4	9	9	21	29	24	65	44	48	50	65	78	72	526
BELGIUM	69	12	32	12	20	26	21	16	37	40	43	25	30	19	26	428
AUSTRIA	52	2	15	10	21	12	13	9	29	29	30	26	25	21	25	319
FINLAND	72	16	9	23	16	17	7	20	10	12	19	17	29	27	9	303
SPAIN	31	23	4	7	3	9	6	15	18	32	14	26	26	19	28	261
NORWAY	32	12	17	15	7	27	14	15	7	8	13	9	4	8	11	199
ISRAEL	10	4	5	5	7	10	9	11	7	17	8	22	24	26	32	197
NEW ZEALAND	31	3	13	10	10	10	12	9	10	5	9	5	11	12	23	173
LUXEMBOURG	11		6	4	5	3	9	9	10	14	10	13	22	10	9	135
S. AFRICA	18	2	4	1	3	5	4	8	8	6	4	7	8	4	5	87
MEXICO	23	2	1	3		5	1	2	2	13	6	5	8	5	7	83
IRELAND	7	2	6	1	4	2	4	6	7	4	6	6	1	8	10	74
URUGUAY	41	12	5	13	3											74
GREECE	5	5	15	5	10	12	7	1	2			1		1		64
SINGAPORE	2			1	1	1	2	4	4	10	3	6	8	8	9	59
BRAZIL	6	4				1	8	2	4	4	3	2	1	7	6	48
U.S.S.R.	22	1	2	2	1		1	1	3	4	1	2	4			44
MALAYSIA	2	3	1						3	1	6	6	6	1	12	41
YUGOSLAVIA	3	2	2	1	1	3	4	3	2	3	1	5		1	1	32
ARGENTINA	4	3	2	1			2	3	2	3	3	1	2	1	2	29
VENEZUELA	5				2	1					2	3	5	2	5	25
PORTUGAL	7			2							7	1	1		1	19
THAILAND	1								1			12	3	2		19
Others (45)	23	6	9	6	10	5	4	9	11	19	8	9	16	12	18	165
Ownership:																
U.S. Corporations	9657	1740	1971	2075	2118	2290	2122	2235	2824	3409	3358	3844	4278	4615	4463	50999
U.S. Government	6	1	1		1			3	1		1		2	3		19
U.S. Individuals	9324	1597	1553	1500	1567	1718	1619	1746	2407	2889	2779	3675	3571	3795	3566	43306
Foreign Corporations	3873	918	1056	1132	1407	1528	1550	1704	2253	2598	2494	2460	2483	2460	2500	30416
Foreign Government	7		1			1		3			1		1			14
Foreign Individuals	1681	307	356	359	425	422	388	401	539	673	636	651	760	839	881	9318

---- Patents Granted By Date Of Patent Grant (Granted: Jan 01, 1977 - Dec 31, 1996) ----

	PERCENT OF PATENTS															
	Pre 1983	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Total
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
U.S. Origin	76	72	69	69	64	65	64	64	63	63	65	70	69	70	69	69
Foreign Origin	24	28	31	31	36	35	36	36	37	37	35	30	31	30	31	31
JAPAN	7	9	10	11	11	12	14	14	14	14	12	10	10	9	8	10
CANADA	3	2	2	2	2	3	3	3	3	3	3	3	3	3	4	3
GERMANY	2	2	2	3	3	3	3	2	2	3	3	2	2	2	2	2
UNITED KINGDOM	2	3	3	2	4	3	3	3	3	2	2	2	2	2	2	2
TAIWAN					1	1	1	2	2	2	3	3	3	4	5	2
FRANCE	2	2	2	2	2	2	2	2	2	2	3	2	2	1	2	2
ITALY	1	1	1	2	2	2	2	2	3	2	2	2	1	1	2	2
SWEDEN	2	2	3	2	3	2	2	1	1	1	1	1	1	1	1	1
HONG KONG	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
AUSTRALIA	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SWITZERLAND	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
NETHERLANDS		1	1	1	1	1	1	1	1	1	1	1	1			1
DENMARK				1	1	1	1	1	1	1	1	1	1	1	1	1
SOUTH KOREA							1		1		1		1	1	1	0
BELGIUM			1													0
AUSTRIA																0
FINLAND																0
SPAIN		1														0
NORWAY																0
ISRAEL																0
NEW ZEALAND																0
LUXEMBOURG																0
S. AFRICA																0
MEXICO																0
IRELAND																0
URUGUAY																0
GREECE																0
SINGAPORE																0
BRAZIL																0
U.S.S.R.																0
MALAYSIA																0
YUGOSLAVIA																0
ARGENTINA																0
VENEZUELA																0
PORTUGAL																0
THAILAND																0
Others (45)																0
Ownership:																
U.S. Corporations	39	38	40	41	38	38	37	37	35	36	36	36	39	39	39	38
U.S. Government																0
U.S. Individuals	38	35	31	30	28	29	29	29	30	30	30	35	32	32	31	32
Foreign Corporations	16	20	21	22	25	26	27	28	28	27	27	23	22	21	22	23
Foreign Government																0
Foreign Individuals	7	7	7	7	8	7	7	7	7	7	7	6	7	7	8	7

Part A2

Patent Grants As Distributed By Year of Patent Application

---- Patents Granted By Date Of Patent Application (Granted: Jan 01, 1977 - Dec 31, 1996) ----

	NUMBER OF PATENTED APPLICATIONS															
	Pre 1983	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Total
Total	36664	5492	6014	6509	6333	6951	7403	7578	8372	8483	8644	9121	9990	6315	203	134072
U.S. Origin	27085	3691	3831	4230	4072	4376	4729	4665	5675	5958	5915	6410	7088	4331	142	92198
Foreign Origin	9579	1801	2183	2279	2261	2575	2674	2913	2697	2525	2729	2711	2902	1984	61	41874
JAPAN	2935	610	752	836	874	959	969	1169	879	843	889	766	783	593	17	13874
CANADA	934	114	175	175	157	194	198	200	215	219	286	283	279	237	3	3669
GERMANY	815	152	154	190	150	191	188	193	211	177	169	203	191	105	1	3090
UNITED KINGDOM	874	173	214	168	148	171	194	162	191	150	154	139	159	102	2	3001
TAIWAN	71	38	68	74	108	87	136	164	195	244	280	335	405	404	18	2627
FRANCE	687	121	98	140	122	159	183	184	159	169	134	138	174	87	2	2557
ITALY	401	90	117	114	110	218	166	147	130	107	118	124	161	74	1	2078
SWEDEN	752	110	156	133	99	89	93	86	98	83	72	98	75	44		1988
HONG KONG	265	64	66	68	88	79	78	117	115	95	137	141	117	84	14	1528
AUSTRALIA	412	83	77	57	80	88	85	68	61	67	72	67	84	30		1331
SWITZERLAND	318	38	59	68	48	74	65	82	63	56	72	84	83	30		1140
NETHERLANDS	163	54	61	49	35	38	43	51	70	60	63	36	53	26		802
DENMARK	120	23	30	38	42	39	44	81	68	45	60	76	78	41		785
SOUTH KOREA	16	11	18	28	23	46	51	36	49	40	52	56	74	24	2	526
BELGIUM	125	12	23	16	32	21	38	26	45	14	28	18	16	14		428
AUSTRIA	74	14	21	10	16	21	22	24	29	23	19	23	10	13		319
FINLAND	113	21	15	10	10	17	18	9	16	11	21	15	23	4		303
SPAIN	63	5	8	6	16	14	23	21	18	26	13	11	24	13		261
NORWAY	62	19	17	18	15	13	9	11	5	6	4	8	9	3		199
ISRAEL	25	3	9	12	11	6	12	14	10	28	10	13	27	17		197
NEW ZEALAND	54	9	11	12	9	14	2	5	7	5	8	17	17	3		173
LUXEMBOURG	18	5	5	11	7	8	8	9	13	7	17	11	11	5		135
S. AFRICA	25	2	5	4	11	6	3	8	6	3	6	4	3	1		87
MEXICO	29	1		3	3	3	6	7	4	8	7	6	5	1		83
IRELAND	16	4	3	3	4	7	3	6	4	3	2	9	7	3		74
URUGUAY	66	8														74
GREECE	29	6	6	17	3		1				1	1				64
SINGAPORE	3		1	2	4	4	10	2	5	5	7	9	3	4		59
BRAZIL	10		2	1	10	2	1	5	2	1	2	3	6	3		48
U.S.S.R.	28				3		4	4	1	2	2					44
MALAYSIA	6				1		1	2	6	9	3		7	6		41
YUGOSLAVIA	8		3	6	2	1	4	1	3	2		1	1			32
ARGENTINA	10			1	4	1	2	2	3	2		2	1		1	29
VENEZUELA	5	1	1	1				2	2	2	4	4		3		25
THAILAND	1						1	5	1	6	3	1	1			19
PORTUGAL	7	2							7	1		1		1		19
Others (45)	39	8	8	8	16	5	13	10	6	6	14	8	15	9		165
Ownership:																
U.S. Corporations	14349	2222	2239	2381	2287	2504	2602	2624	2991	3187	3478	3645	3967	2463	60	50999
U.S. Government	8		1		2	2			1		2	3				19
U.S. Individuals	13279	1573	1723	1949	1887	2011	2292	2160	2837	2850	2565	2869	3277	1951	83	43306
Foreign Corporations	6457	1278	1609	1745	1694	1952	2013	2270	2045	1908	2051	1948	2023	1377	46	30416
Foreign Government	8		1		3				1		1					14
Foreign Individuals	2563	419	441	434	460	482	496	524	497	538	547	656	723	524	14	9318

---- Patents Granted By Date Of Patent Application (Granted: Jan 01, 1977 - Dec 31, 1996) ----

	PERCENT OF PATENTED APPLICATIONS															
	Pre 1983	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Total
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
U.S. Origin	74	67	64	65	64	63	64	62	68	70	68	70	71	69	70	69
Foreign Origin	26	33	36	35	36	37	36	38	32	30	32	30	29	31	30	31
JAPAN	8	11	13	13	14	14	13	15	10	10	10	8	8	9	8	10
CANADA	3	2	3	3	2	3	3	3	3	3	3	3	3	4	1	3
GERMANY	2	3	3	3	2	3	3	3	3	2	2	2	2	2		2
UNITED KINGDOM	2	3	4	3	2	2	3	2	2	2	2	2	2	2	1	2
TAIWAN		1	1	1	2	1	2	2	2	3	3	4	4	6	9	2
FRANCE	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2
ITALY	1	2	2	2	2	3	2	2	2	1	1	1	2	1		2
SWEDEN	2	2	3	2	2	1	1	1	1	1	1	1	1	1		1
HONG KONG	1	1	1	1	1	1	1	2	1	1	2	2	1	1	7	1
AUSTRALIA	1	2	1	1	1	1	1	1	1	1	1	1	1			1
SWITZERLAND	1	1	1	1	1	1	1	1	1	1	1	1	1			1
NETHERLANDS		1	1	1	1	1	1	1	1	1	1	1	1			1
DENMARK				1	1	1	1	1	1	1	1	1	1	1		1
SOUTH KOREA						1	1		1		1	1	1		1	0
BELGIUM					1		1		1							0
AUSTRIA																0
FINLAND																0
SPAIN																0
NORWAY																0
ISRAEL																0
NEW ZEALAND																0
LUXEMBOURG																0
S. AFRICA																0
MEXICO																0
IRELAND																0
URUGUAY																0
GREECE																0
SINGAPORE																0
BRAZIL																0
U.S.S.R.																0
MALAYSIA																0
YUGOSLAVIA																0
ARGENTINA																0
VENEZUELA																0
THAILAND																0
PORTUGAL																0
Others (45)																0
Ownership:																
U.S. Corporations	39	40	37	37	36	36	35	35	36	38	40	40	40	39	30	38
U.S. Government																0
U.S. Individuals	36	29	29	30	30	29	31	29	34	34	30	31	33	31	41	32
Foreign Corporations	18	23	27	27	27	28	27	30	24	22	24	21	20	22	23	23
Foreign Government																0
Foreign Individuals	7	8	7	7	7	7	7	7	6	6	6	7	7	8	7	7

Part B

Ranked Listing of Organizations with Patent Grants

As Distributed By Year of Patent Grant

and As Distributed By Year of Patent Application

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 1996) ---- Ranked List of Organizations with 50 or More Patents ----

	Pre 1983	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	TOTAL
SHARP KABUSHKI KAISHA																
Patents By Year of Grant:	110	30	54	48	39	29	69	70	149	84	58	50	40	47	25	902
Patents By Year of Application:	215	37	43	54	79	119	80	62	50	40	40	32	27	23	1	902
CANON KABUSHIKI KAISHA																
Patents By Year of Grant:	39	18	9	12	30	39	53	45	50	87	81	71	64	80	81	759
Patents By Year of Application:	66	26	29	61	59	26	62	63	70	52	67	71	46	60	1	759
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.																
Patents By Year of Grant:	192	16	29	23	16	31	22	33	18	25	19	49	28	65	45	611
Patents By Year of Application:	256	15	32	19	21	26	17	17	21	28	36	48	43	31	1	611
MOTOROLA, INC.																
Patents By Year of Grant:	34	8	10	21	16	15	21	30	25	24	30	60	122	96	97	609
Patents By Year of Application:	60	24	14	11	29	29	18	25	30	54	77	108	75	52	3	609
INTERNATIONAL BUSINESS MACHINES CORPORATION																
Patents By Year of Grant:	72	9	8	14	29	41	25	30	34	33	25	54	56	84	58	572
Patents By Year of Application:	98	26	39	25	36	28	19	30	53	30	49	46	67	25	1	572
SONY CORPORATION																
Patents By Year of Grant:	19	13	9	17	10	19	15	21	37	53	44	72	88	50	79	546
Patents By Year of Application:	49	18	16	24	18	23	36	52	38	70	65	38	57	41	1	546
DART INDUSTRIES INC.																
Patents By Year of Grant:	171	31	47	27	47	24	8	18	24	29	15	16	33	24	28	542
Patents By Year of Application:	265	40	32	15	21	10	28	23	14	13	25	15	22	19	0	542
TOSHIBA CORPORATION																
Patents By Year of Grant:	15	19	29	21	25	20	31	35	64	65	63	33	32	37	42	531
Patents By Year of Application:	72	22	27	31	20	28	70	55	62	23	38	25	20	38	0	531
NIKE, INC.																
Patents By Year of Grant:	0	0	3	2	0	1	0	1	23	56	109	116	101	47	41	500
Patents By Year of Application:	3	2	0	1	0	1	2	14	93	104	108	70	55	41	6	500
INTERLEGO A.G.																
Patents By Year of Grant:	13	0	2	19	15	18	27	24	30	51	54	44	68	73	43	481
Patents By Year of Application:	32	7	13	19	28	27	22	61	50	36	42	58	62	24	0	481
U.S. PHILIPS CORPORATION																
Patents By Year of Grant:	67	13	17	25	33	25	15	21	29	42	49	20	32	22	24	434
Patents By Year of Application:	112	21	28	27	24	15	33	31	54	14	18	12	31	14	0	434

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	Pre 1983	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	TOTAL
GOODYEAR TIRE + RUBBER COMPANY																
Patents By Year of Grant:	43	6	15	10	9	6	11	17	29	27	39	47	68	45	43	415
Patents By Year of Application:	64	11	12	12	11	20	26	21	39	33	53	36	60	17	0	415
RUBBERMAID INCORPORATED																
Patents By Year of Grant:	9	5	3	8	6	7	4	8	22	24	64	48	61	54	51	374
Patents By Year of Application:	24	7	5	6	10	4	30	21	60	31	44	46	62	24	0	374
SEIKOSHA CO., LTD.																
Patents By Year of Grant:	1	1	1	0	0	0	0	11	38	101	50	36	86	30	7	362
Patents By Year of Application:	3	0	0	0	16	43	51	63	39	61	52	22	8	4	0	362
KOHLER CO.																
Patents By Year of Grant:	27	6	6	12	8	8	27	18	19	62	43	39	39	17	15	346
Patents By Year of Application:	41	12	8	13	30	21	43	33	27	40	21	31	14	12	0	346
AT&T CORP.																
Patents By Year of Grant:	49	9	26	46	26	18	20	14	14	14	16	17	15	14	13	311
Patents By Year of Application:	87	23	39	27	12	25	11	6	25	12	17	11	12	4	0	311
THE QUAKER OATS COMPANY																
Patents By Year of Grant:	76	16	23	19	33	32	26	29	21	21	4	0	0	0	0	300
Patents By Year of Application:	116	19	34	51	27	16	28	8	1	0	0	0	0	0	0	300
CASIO COMPUTER CO. LTD.																
Patents By Year of Grant:	5	1	0	0	0	3	17	18	31	43	28	14	45	54	32	291
Patents By Year of Application:	6	0	0	18	19	26	19	42	18	13	56	20	27	27	0	291
HIGHLAND SUPPLY CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	24	4	10	0	29	17	36	6	106	54	286
Patents By Year of Application:	0	0	17	10	1	24	1	24	5	71	70	58	1	4	0	286
AMERICAN STANDARD, INC.																
Patents By Year of Grant:	45	10	36	15	0	13	19	8	8	24	20	22	12	23	28	283
Patents By Year of Application:	94	10	9	5	18	23	7	24	17	17	6	12	19	22	0	283
BLACK & DECKER INC.																
Patents By Year of Grant:	19	0	5	9	15	22	12	15	9	29	21	16	17	18	76	283
Patents By Year of Application:	29	11	26	13	13	18	18	18	12	10	11	15	18	70	1	283
HONDA GIKEN KOGYO KABUSHIKI KAISHA (HONDA MOTOR CO., LTD.)																
Patents By Year of Grant:	13	17	27	23	20	13	29	27	32	13	12	17	23	5	9	280
Patents By Year of Application:	75	16	21	24	29	28	12	18	5	15	18	8	5	6	0	280

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	Pre 1983	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	TOTAL
GENERAL ELECTRIC COMPANY																
Patents By Year of Grant:	152	8	3	6	7	3	16	15	20	24	10	3	5	4	3	279
Patents By Year of Application:	165	7	5	9	27	13	20	17	1	5	2	3	4	1	0	279
REEBOK INTERNATIONAL, LTD.																
Patents By Year of Grant:	1	0	0	0	0	3	69	40	16	3	24	22	45	20	6	249
Patents By Year of Application:	1	0	0	15	12	58	19	28	5	20	21	38	29	3	0	249
TOMY COMPANY, LTD.																
Patents By Year of Grant:	104	9	11	14	6	13	3	12	12	12	12	7	3	3	6	227
Patents By Year of Application:	131	10	7	11	10	7	8	15	6	11	2	3	0	6	0	227
BRIDGESTONE CORPORATION																
Patents By Year of Grant:	38	3	13	14	12	22	8	11	6	21	7	28	16	3	12	214
Patents By Year of Application:	57	22	17	10	10	8	21	6	9	17	16	7	4	10	0	214
PROCTER + GAMBLE COMPANY																
Patents By Year of Grant:	55	1	7	8	5	15	6	14	9	20	32	18	13	5	5	213
Patents By Year of Application:	66	9	8	14	17	8	14	9	22	21	7	11	4	3	0	213
MINNESOTA MINING AND MANUFACTURING COMPANY																
Patents By Year of Grant:	27	10	1	6	1	11	9	9	8	11	22	19	17	27	33	211
Patents By Year of Application:	43	2	8	9	10	7	10	9	20	9	23	16	39	6	0	211
TAKARA CO, LTD.																
Patents By Year of Grant:	13	0	7	7	39	21	48	34	35	2	2	0	0	0	0	208
Patents By Year of Application:	19	15	46	40	37	24	12	12	3	0	0	0	0	0	0	208
MIKRON INDUSTRIES, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	57	32	81	37	207
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	63	7	30	75	32	0	207
JOHN MANUFACTURING LIMITED																
Patents By Year of Grant:	0	1	3	4	24	10	11	13	13	18	14	17	32	16	24	200
Patents By Year of Application:	10	15	14	14	10	15	5	14	13	14	27	19	16	11	3	200
SUMITOMO RUBBER INDUSTRIES, LTD.																
Patents By Year of Grant:	0	0	3	7	5	35	13	35	18	23	11	19	17	4	9	199
Patents By Year of Application:	6	6	25	17	35	25	14	17	6	20	7	10	11	0	0	199
HITACHI, LTD																
Patents By Year of Grant:	17	9	9	13	13	27	16	10	14	17	6	24	9	10	4	198
Patents By Year of Application:	39	15	17	25	12	15	7	17	5	18	9	9	7	3	0	198

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	Pre 1983	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	TOTAL
RYOBI, LTD.																
Patents By Year of Grant:	29	5	7	13	11	6	14	18	15	8	19	20	9	5	3	182
Patents By Year of Application:	42	13	15	10	16	17	8	18	7	15	10	5	5	1	0	182
COMBI CO., LTD.																
Patents By Year of Grant:	55	12	11	7	7	6	7	7	5	17	14	16	7	7	1	179
Patents By Year of Application:	81	8	6	9	6	4	10	12	8	17	7	4	7	0	0	179
COLGATE-PALMOLIVE COMPANY																
Patents By Year of Grant:	11	13	0	7	2	9	1	4	11	13	14	32	28	19	13	177
Patents By Year of Application:	30	2	3	6	3	1	17	8	25	36	16	14	7	9	0	177
RICOH COMPANY, LTD.																
Patents By Year of Grant:	24	8	6	11	21	17	15	10	10	14	13	6	8	7	5	175
Patents By Year of Application:	44	16	17	21	13	8	8	13	9	6	7	8	3	2	0	175
GOLD STAR COMPANY, LTD.																
Patents By Year of Grant:	0	0	0	3	2	4	16	9	36	29	27	7	11	10	13	167
Patents By Year of Application:	0	5	4	14	7	23	32	17	25	3	9	14	14	0	0	167
GILLETTE COMPANY																
Patents By Year of Grant:	48	8	8	3	6	5	2	5	8	7	9	14	22	12	8	165
Patents By Year of Application:	65	4	6	5	2	9	1	9	9	20	13	8	9	5	0	165
YAZAKI CORP.																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	25	67	52	6	0	0	9	160
Patents By Year of Application:	0	0	0	0	0	22	47	56	23	1	2	0	7	1	1	160
ASICS CORPORATION																
Patents By Year of Grant:	6	0	1	0	0	3	8	6	26	17	25	22	16	11	12	153
Patents By Year of Application:	7	0	1	8	7	16	11	22	16	11	17	16	21	0	0	153
EASTMAN KODAK COMPANY																
Patents By Year of Grant:	26	2	8	1	3	6	6	6	14	16	12	3	11	11	26	151
Patents By Year of Application:	37	1	2	10	5	17	10	9	11	2	6	8	23	10	0	151
FUJI PHOTO FILM CO., LTD																
Patents By Year of Grant:	9	0	0	0	0	0	0	2	10	24	26	26	21	17	12	147
Patents By Year of Application:	9	0	0	0	9	2	15	12	26	22	15	12	17	8	0	147
ABBOTT LABORATORIES																
Patents By Year of Grant:	42	9	10	2	5	15	8	4	5	7	9	12	5	3	9	145
Patents By Year of Application:	64	4	15	8	4	6	3	7	10	4	8	2	9	1	0	145

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	Pre 1983	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	TOTAL
NORTHERN TELECOM LIMITED																
Patents By Year of Grant:	32	1	6	7	17	17	20	13	12	4	5	1	6	1	3	145
Patents By Year of Application:	41	11	18	20	17	5	8	8	1	6	1	5	1	3	0	145
NORTH AMERICAN PHILIPS CORPORATION																
Patents By Year of Grant:	29	7	8	13	12	23	13	14	7	12	5	1	0	0	0	144
Patents By Year of Application:	51	13	15	18	23	4	5	11	2	2	0	0	0	0	0	144
MITSUBISHI DENKI KABUSHIKI KAISHA																
Patents By Year of Grant:	0	1	4	4	11	4	14	23	26	10	19	17	8	0	2	143
Patents By Year of Application:	3	11	8	14	14	26	13	14	14	17	6	1	2	0	0	143
OKI ELECTRIC INDUSTRY CO., LTD.																
Patents By Year of Grant:	33	5	4	1	1	1	15	8	13	13	14	16	5	11	3	143
Patents By Year of Application:	43	0	2	0	13	13	11	13	10	14	10	6	4	4	0	143
COCA-COLA COMPANY																
Patents By Year of Grant:	14	8	4	3	7	7	19	10	6	10	15	8	8	12	10	141
Patents By Year of Application:	28	8	8	12	12	8	12	8	10	4	7	9	6	9	0	141
SEIKO EPSON CORPORATION																
Patents By Year of Grant:	0	0	0	0	3	5	1	3	5	30	25	18	18	13	19	140
Patents By Year of Application:	0	0	8	1	2	2	15	21	29	10	16	13	13	10	0	140
AVIA GROUP INTERNATIONAL, INC.																
Patents By Year of Grant:	0	0	0	0	0	11	57	23	7	8	12	11	8	1	0	138
Patents By Year of Application:	0	0	0	0	0	46	42	11	8	13	4	10	4	0	0	138
SYRACUSE CHINA CORPORATION																
Patents By Year of Grant:	30	1	3	20	8	16	1	5	8	22	19	4	0	0	0	137
Patents By Year of Application:	38	22	14	11	0	1	14	31	4	2	0	0	0	0	0	137
TEAC CORPORATION																
Patents By Year of Grant:	0	0	2	0	1	3	2	3	2	23	22	25	22	19	13	137
Patents By Year of Application:	2	0	3	1	4	1	11	24	19	24	16	16	10	6	0	137
AMERICAN CYANAMID COMPANY																
Patents By Year of Grant:	70	4	7	16	2	7	1	1	8	0	7	1	1	8	2	135
Patents By Year of Application:	92	6	9	0	1	6	2	1	6	1	1	4	6	0	0	135
SUNBEAM CORPORATION																
Patents By Year of Grant:	60	7	5	6	2	4	2	4	10	3	3	2	7	19	1	135
Patents By Year of Application:	75	4	3	4	5	7	5	2	3	1	6	6	14	0	0	135

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	Pre 1983	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	TOTAL
DAIWA SEIKO INC																
Patents By Year of Grant:	17	5	7	5	7	14	12	8	6	11	13	4	8	2	14	133
Patents By Year of Application:	29	10	14	13	7	4	11	10	6	5	6	4	9	5	0	133
MICHELIN RECHERCHE ET TECHNIQUE																
Patents By Year of Grant:	0	0	0	1	3	8	7	4	5	3	4	16	19	35	16	121
Patents By Year of Application:	0	1	6	8	6	5	3	2	4	13	11	27	30	5	0	121
AMERICAN COMMERCIAL INCORPORATED																
Patents By Year of Grant:	14	0	7	35	57	7	0	0	0	0	0	0	0	0	0	120
Patents By Year of Application:	52	48	20	0	0	0	0	0	0	0	0	0	0	0	0	120
NEC CORPORATION																
Patents By Year of Grant:	0	0	0	3	4	8	6	13	10	12	12	16	21	4	11	120
Patents By Year of Application:	0	6	3	4	10	17	6	10	15	10	17	8	5	8	1	120
S. C. JOHNSON + SON, INC.																
Patents By Year of Grant:	12	4	4	1	1	3	7	10	14	9	16	9	9	13	7	119
Patents By Year of Application:	20	2	1	8	12	10	5	12	15	3	9	4	11	7	0	119
CHRYSLER MOTORS CORPORATION																
Patents By Year of Grant:	6	0	0	0	5	2	1	2	7	4	3	9	29	14	35	117
Patents By Year of Application:	6	2	4	1	3	5	5	2	6	5	22	21	24	11	0	117
SAMSONITE CORPORATION																
Patents By Year of Grant:	9	1	6	18	11	7	5	3	9	15	3	12	7	5	6	117
Patents By Year of Application:	27	10	17	1	10	7	5	9	5	7	5	5	6	3	0	117
RUBBERMAID COMMERICAL PRODUCTS INC.																
Patents By Year of Grant:	18	4	4	2	3	5	6	6	11	12	14	10	2	8	11	116
Patents By Year of Application:	27	3	2	6	7	9	9	13	12	7	0	2	11	8	0	116
ELDON INDUSTRIES, INC.																
Patents By Year of Grant:	6	5	9	10	1	4	7	7	24	14	21	7	0	0	0	115
Patents By Year of Application:	29	3	1	11	7	19	3	22	14	6	0	0	0	0	0	115
BRAUN A.G.																
Patents By Year of Grant:	31	4	1	0	3	3	6	2	5	14	2	10	7	12	14	114
Patents By Year of Application:	36	0	5	5	2	7	5	11	1	6	5	16	8	7	0	114
APPLE COMPUTER, INC.																
Patents By Year of Grant:	1	2	2	1	5	8	1	4	3	10	12	20	11	17	16	113
Patents By Year of Application:	7	2	10	2	1	6	1	9	15	14	13	10	15	8	0	113

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	Pre 1983	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	TOTAL
COOPER INDUSTRIES INC.																
Patents By Year of Grant:	4	0	0	0	2	8	3	7	10	18	11	11	24	8	7	113
Patents By Year of Application:	4	1	7	3	9	13	8	10	15	5	14	15	5	4	0	113
TOTES, INCORPORATED																
Patents By Year of Grant:	0	2	4	11	13	21	7	2	21	22	5	0	0	0	5	113
Patents By Year of Application:	7	14	10	17	8	4	16	9	16	7	0	0	0	4	1	113
AMEROCK CORPORATION																
Patents By Year of Grant:	62	6	1	1	1	2	15	3	4	0	8	0	0	7	0	110
Patents By Year of Application:	70	0	1	10	9	1	3	1	8	0	0	7	0	0	0	110
SANYO ELECTRIC CO., LTD.																
Patents By Year of Grant:	4	1	4	4	7	14	13	8	10	12	9	6	5	9	4	110
Patents By Year of Application:	8	9	14	14	10	4	8	11	8	7	3	5	8	1	0	110
OWENS-ILLINOIS INC.																
Patents By Year of Grant:	87	1	4	0	8	7	0	0	0	0	0	0	0	0	0	107
Patents By Year of Application:	92	6	9	0	0	0	0	0	0	0	0	0	0	0	0	107
WESTINGHOUSE ELECTRIC CORP.																
Patents By Year of Grant:	8	3	3	0	1	2	0	1	1	2	12	30	14	26	4	107
Patents By Year of Application:	14	1	2	0	3	2	0	3	28	11	5	17	21	0	0	107
CITIZEN WATCH CO., LTD.																
Patents By Year of Grant:	9	4	0	10	10	15	15	3	3	3	1	8	3	15	7	106
Patents By Year of Application:	15	12	8	28	3	4	0	3	2	5	3	3	13	7	0	106
LEVER BROS. CO., DIVISION OF CONOPCO, INC.																
Patents By Year of Grant:	14	2	2	6	5	10	1	3	8	3	3	10	9	6	23	105
Patents By Year of Application:	20	6	8	4	6	5	2	4	4	12	7	4	1	22	0	105
HEWLETT-PACKARD COMPANY																
Patents By Year of Grant:	13	0	0	0	0	1	0	3	3	10	8	13	10	21	22	104
Patents By Year of Application:	13	0	1	0	2	13	3	7	1	10	9	9	18	18	0	104
OLYMPUS OPTICAL CO., LTD.																
Patents By Year of Grant:	18	8	5	22	6	1	3	4	4	6	3	10	9	3	1	103
Patents By Year of Application:	44	14	2	0	7	4	6	2	2	10	8	2	1	1	0	103
WARNER-LAMBERT COMPANY																
Patents By Year of Grant:	36	6	7	4	7	3	0	3	5	5	11	1	6	4	3	101
Patents By Year of Application:	49	10	4	2	0	7	3	2	11	2	5	2	2	2	0	101

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	Pre 1983	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	TOTAL
STEELCASE INC.																
Patents By Year of Grant:	19	5	5	4	3	4	3	4	4	4	7	8	7	12	11	100
Patents By Year of Application:	32	5	0	4	9	1	1	7	7	3	7	8	11	5	0	100
CORNING INCORPORATED																
Patents By Year of Grant:	53	12	7	13	3	0	2	3	0	1	0	0	2	1	2	99
Patents By Year of Application:	80	7	0	3	2	1	0	1	0	2	0	1	2	0	0	99
HERMAN MILLER INC.																
Patents By Year of Grant:	0	1	0	0	0	3	12	9	16	11	15	16	3	6	6	98
Patents By Year of Application:	1	0	1	8	13	18	10	4	15	9	8	1	10	0	0	98
PARTECIPAZIONI BULGARI S.P.A.																
Patents By Year of Grant:	0	0	0	0	2	4	0	7	48	19	7	5	0	5	1	98
Patents By Year of Application:	0	0	5	2	0	38	27	9	11	0	0	0	6	0	0	98
REVLON, INC.																
Patents By Year of Grant:	26	8	8	8	6	0	1	4	7	21	8	0	0	0	0	97
Patents By Year of Application:	50	1	5	1	3	2	10	19	6	0	0	0	0	0	0	97
XEROX CORPORATION																
Patents By Year of Grant:	51	3	1	2	2	1	24	0	1	0	0	2	4	2	3	96
Patents By Year of Application:	56	1	2	25	0	1	0	0	0	3	2	3	1	2	0	96
FRATELLI GUZZINI S.P.A.																
Patents By Year of Grant:	0	1	4	5	9	2	6	9	18	9	13	14	4	0	1	95
Patents By Year of Application:	9	6	7	3	10	18	4	6	13	4	14	0	0	1	0	95
GTE PRODUCTS CORPORATION																
Patents By Year of Grant:	25	10	4	4	8	11	2	8	3	7	0	7	6	0	0	95
Patents By Year of Application:	40	7	9	8	9	2	2	2	3	8	5	0	0	0	0	95
ONEIDA LTD.																
Patents By Year of Grant:	30	2	2	8	4	3	12	1	2	4	1	12	2	8	4	95
Patents By Year of Application:	37	8	2	10	5	2	3	2	5	7	0	4	7	3	0	95
YAMAHA CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	8	20	19	7	22	6	12	94
Patents By Year of Application:	0	0	0	0	0	2	10	18	19	9	14	9	3	10	0	94
MASCO CORP. OF INDIANA																
Patents By Year of Grant:	2	2	14	2	2	11	7	2	7	8	6	1	4	11	13	92
Patents By Year of Application:	21	2	0	14	8	5	7	5	1	3	1	15	8	2	0	92

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	Pre 1983	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	TOTAL
YOSHIDA KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	1	1	5	1	1	6	1	11	2	19	15	7	4	13	5	92
Patents By Year of Application:	9	0	1	6	0	12	4	27	5	3	4	12	9	0	0	92
THE LITTLE TIKES COMPANY																
Patents By Year of Grant:	0	0	0	0	2	0	1	1	5	6	8	17	14	18	19	91
Patents By Year of Application:	0	0	2	1	0	2	5	5	13	4	13	21	12	13	0	91
M. KAMENSTEIN, INC.																
Patents By Year of Grant:	5	0	0	0	2	0	0	11	17	3	14	36	2	0	0	90
Patents By Year of Application:	5	1	1	0	0	0	13	10	27	13	19	1	0	0	0	90
ROWENTA-WERKE GMBH																
Patents By Year of Grant:	26	2	0	0	2	14	3	6	4	9	7	3	3	2	9	90
Patents By Year of Application:	28	0	6	14	3	4	7	7	2	6	2	1	8	2	0	90
GENERAL MILLS, INC.																
Patents By Year of Grant:	8	2	1	0	3	1	0	0	1	14	16	18	5	8	12	89
Patents By Year of Application:	11	1	3	0	0	0	10	4	19	13	7	6	6	9	0	89
TEXTRON INC.																
Patents By Year of Grant:	13	3	1	2	0	2	2	8	4	4	17	13	11	7	2	89
Patents By Year of Application:	19	0	1	3	2	8	4	3	19	6	12	8	4	0	0	89
LISCO, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	9	8	31	21	19	88
Patents By Year of Application:	0	0	0	0	0	0	0	1	11	1	31	19	19	6	0	88
AMERICAN HOME PRODUCTS CORPORATION																
Patents By Year of Grant:	39	12	8	2	7	2	1	7	2	2	0	2	0	2	0	86
Patents By Year of Application:	60	5	4	1	6	2	3	0	1	1	1	2	0	0	0	86
BAYERISCHE MOTOREN WERKE AG																
Patents By Year of Grant:	7	5	13	10	16	1	4	1	4	5	8	1	3	0	8	86
Patents By Year of Application:	28	22	2	4	1	3	2	5	8	1	1	2	6	1	0	86
BAXTER INTERNATIONAL INC.																
Patents By Year of Grant:	29	3	4	4	3	6	4	5	5	6	4	3	3	1	4	84
Patents By Year of Application:	39	7	3	3	6	5	1	7	4	1	2	3	2	1	0	84
DUNLOP LIMITED																
Patents By Year of Grant:	54	12	5	3	2	1	1	0	0	1	1	1	3	0	0	84
Patents By Year of Application:	73	2	3	0	0	0	1	1	1	0	2	1	0	0	0	84

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	Pre 1983	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	TOTAL
MOBIL OIL CORP.																
Patents By Year of Grant:	16	4	6	9	3	4	6	2	3	1	1	6	9	2	0	72
Patents By Year of Application:	26	11	4	7	1	3	2	0	0	7	7	4	0	0	0	72
GENERAL MOTORS CORPORATION																
Patents By Year of Grant:	8	7	7	5	6	20	2	6	3	1	1	3	1	0	1	71
Patents By Year of Application:	23	5	9	17	2	5	3	1	1	3	1	0	1	0	0	71
GROSFILLEX S.A.R.L. (SOCIETE A RESPONSABILITE LIMITEE)																
Patents By Year of Grant:	2	0	3	0	0	0	0	1	1	0	13	20	7	5	18	70
Patents By Year of Application:	5	0	0	0	1	1	1	12	15	8	4	5	10	7	1	70
MATSUSHITA ELECTRIC WORKS, LTD.																
Patents By Year of Grant:	10	6	4	2	1	3	8	7	1	1	5	7	10	1	4	70
Patents By Year of Application:	20	2	1	6	7	5	0	2	7	7	6	2	1	4	0	70
CHESEBROUGH-POND'S USA CO., DIVISION OF CONOPCO, INC.																
Patents By Year of Grant:	1	0	0	1	0	0	0	0	5	23	0	8	9	10	12	69
Patents By Year of Application:	2	0	0	0	0	2	13	13	1	3	9	9	14	3	0	69
EMHART INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	8	1	15	15	30	69
Patents By Year of Application:	0	0	0	0	0	0	4	0	5	4	12	6	11	27	0	69
THE HOOVER COMPANY																
Patents By Year of Grant:	5	5	2	4	0	3	1	3	7	2	8	8	4	12	5	69
Patents By Year of Application:	14	2	0	4	2	6	0	5	3	12	3	11	3	4	0	69
CLAIROL INCORPORATED																
Patents By Year of Grant:	36	5	1	5	2	3	0	3	0	0	2	9	0	0	1	67
Patents By Year of Application:	43	6	0	3	2	1	0	3	0	8	0	0	1	0	0	67
COATS + CLARK INC.																
Patents By Year of Grant:	34	2	7	11	0	5	3	0	4	1	0	0	0	0	0	67
Patents By Year of Application:	42	12	0	8	0	0	5	0	0	0	0	0	0	0	0	67
FISKARS OY AB																
Patents By Year of Grant:	12	1	5	2	3	2	1	5	2	1	0	12	12	8	1	67
Patents By Year of Application:	20	4	1	0	5	0	3	1	5	6	8	9	4	1	0	67
JANOME SEWING MACHINE CO. LTD.																
Patents By Year of Grant:	5	3	3	5	3	14	3	3	7	11	3	3	1	2	1	67
Patents By Year of Application:	12	5	14	6	8	3	2	7	3	3	1	0	3	0	0	67

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	Pre 1983	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	TOTAL
CPG PRODUCTS CORP.																
Patents By Year of Grant:	13	9	18	15	7	0	0	0	0	0	0	0	0	0	0	62
Patents By Year of Application:	44	10	8	0	0	0	0	0	0	0	0	0	0	0	0	62
L'OREAL S.A.																
Patents By Year of Grant:	2	3	0	6	2	3	6	2	12	1	6	6	6	7	0	62
Patents By Year of Application:	5	6	3	3	5	8	7	4	2	6	5	2	6	0	0	62
NCR CORPORATION																
Patents By Year of Grant:	3	1	0	1	2	3	1	14	11	11	3	3	5	4	0	62
Patents By Year of Application:	4	2	2	2	5	18	8	7	3	5	3	2	0	1	0	62
ROSALCO, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	4	20	31	7	0	0	0	0	62
Patents By Year of Application:	0	0	0	0	0	0	3	26	27	6	0	0	0	0	0	62
FORD MOTOR COMPANY																
Patents By Year of Grant:	0	1	0	3	5	15	5	7	8	1	1	4	5	4	2	61
Patents By Year of Application:	1	7	10	10	2	12	2	1	3	3	3	5	0	2	0	61
ITT CORPORATION																
Patents By Year of Grant:	25	0	3	2	7	4	0	1	0	4	1	0	2	4	7	60
Patents By Year of Application:	30	4	5	2	1	0	1	4	0	0	1	2	5	5	0	60
MOULINEX, SOCIETE ANONYME																
Patents By Year of Grant:	2	0	0	0	0	2	2	5	1	6	8	9	12	3	10	60
Patents By Year of Application:	2	0	2	2	2	4	3	8	4	7	12	2	4	7	1	60
GARDENA KRESS & KASTNER GMBH																
Patents By Year of Grant:	2	3	3	3	4	9	1	0	3	15	5	3	3	4	1	59
Patents By Year of Application:	8	4	11	2	0	1	3	17	3	0	2	0	8	0	0	59
MARINA B CREATION S.A.																
Patents By Year of Grant:	4	5	14	4	9	11	7	0	1	1	0	0	0	3	0	59
Patents By Year of Application:	26	5	6	17	0	0	2	0	0	0	0	0	3	0	0	59
MILES INC.																
Patents By Year of Grant:	14	2	3	1	5	1	2	1	10	3	8	4	4	1	0	59
Patents By Year of Application:	18	6	1	2	2	4	7	6	5	4	3	1	0	0	0	59
TELEFONAKTIEBOLAGET LM ERICSSON																
Patents By Year of Grant:	20	7	8	3	11	2	2	1	1	1	0	0	0	1	2	59
Patents By Year of Application:	37	11	2	3	0	1	2	0	0	0	0	0	3	0	0	59

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	Pre 1983	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	TOTAL
LEVITON MANUFACTURING CO. INC.																
Patents By Year of Grant:	1	11	7	1	0	4	8	5	7	4	6	3	0	0	1	58
Patents By Year of Application:	20	0	5	10	1	1	11	1	5	3	0	0	1	0	0	58
OLIVETTI, ING. C., + C. S.P.A.																
Patents By Year of Grant:	15	2	3	3	1	0	0	3	20	2	0	4	4	1	0	58
Patents By Year of Application:	21	3	0	0	0	15	11	0	2	2	2	2	0	0	0	58
DOSKOCIL MANUFACTURING CO., INC.																
Patents By Year of Grant:	0	0	0	1	0	1	0	5	3	7	1	6	10	14	9	57
Patents By Year of Application:	0	1	0	2	0	6	7	2	1	3	4	13	18	0	0	57
KELSEY-HAYES CO.																
Patents By Year of Grant:	25	3	2	2	5	10	0	8	0	1	0	0	0	1	0	57
Patents By Year of Application:	35	2	0	10	6	2	1	0	0	0	0	0	1	0	0	57
PAUL ASSOCIATES, INC.																
Patents By Year of Grant:	3	3	0	4	0	13	7	16	2	3	6	0	0	0	0	57
Patents By Year of Application:	6	4	2	11	11	8	7	3	5	0	0	0	0	0	0	57
SIEMENS AKTIENGESELLSCHAFT																
Patents By Year of Grant:	4	3	4	4	2	3	4	7	3	3	3	3	5	9	0	57
Patents By Year of Application:	13	4	3	3	5	3	5	1	4	1	4	8	3	0	0	57
COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN																
Patents By Year of Grant:	34	13	5	2	1	0	1	0	0	0	0	0	0	0	0	56
Patents By Year of Application:	54	1	0	0	1	0	0	0	0	0	0	0	0	0	0	56
SELFIX, INC.																
Patents By Year of Grant:	0	0	1	2	4	9	8	3	3	6	0	0	1	5	14	56
Patents By Year of Application:	2	3	2	17	0	3	7	2	0	0	0	4	2	14	0	56
BALL CORPORATION																
Patents By Year of Grant:	50	0	2	2	0	0	0	0	0	0	0	0	0	0	1	55
Patents By Year of Application:	52	2	0	0	0	0	0	0	0	0	0	0	0	1	0	55
BRITISH TELECOMMUNICATION, PLC																
Patents By Year of Grant:	0	0	0	2	6	2	3	6	7	5	7	7	5	5	0	55
Patents By Year of Application:	2	6	1	2	2	5	8	8	4	4	9	2	2	0	0	55
DRACKETT COMPANY																
Patents By Year of Grant:	15	4	2	10	3	6	3	6	3	0	0	2	1	0	0	55
Patents By Year of Application:	25	9	0	5	9	2	2	0	0	3	0	0	0	0	0	55

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	Pre 1983	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	TOTAL
INTERDICA S.A.																
Patents By Year of Grant:	18	10	7	3	2	3	6	0	1	5	0	0	0	0	0	55
Patents By Year of Application:	38	2	1	8	1	0	4	1	0	0	0	0	0	0	0	55
NIKON CORPORATION																
Patents By Year of Grant:	3	2	1	2	0	2	4	0	6	3	4	3	8	7	10	55
Patents By Year of Application:	6	2	1	3	2	4	4	2	3	3	5	3	12	5	0	55
POLLYFLAME INTERNATIONAL B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	2	5	28	18	2	0	55
Patents By Year of Application:	0	0	0	0	0	0	0	2	10	17	23	1	2	0	0	55
DESIGN INSTITUTE AMERICA, INC.																
Patents By Year of Grant:	0	0	3	6	10	16	7	4	1	7	0	0	0	0	0	54
Patents By Year of Application:	1	16	18	2	9	0	1	7	0	0	0	0	0	0	0	54
KNOLL INTERNATIONAL, INC.																
Patents By Year of Grant:	17	4	8	14	7	2	0	1	0	0	1	0	0	0	0	54
Patents By Year of Application:	36	10	6	1	0	1	0	0	0	0	0	0	0	0	0	54
SIMMONS UNIVERSAL CORPORATION																
Patents By Year of Grant:	5	19	13	9	6	2	0	0	0	0	0	0	0	0	0	54
Patents By Year of Application:	38	11	5	0	0	0	0	0	0	0	0	0	0	0	0	54
WINSTON FURNITURE COMPANY OF ALABAMA, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	14	3	15	6	14	2	54
Patents By Year of Application:	0	0	0	0	1	5	9	4	9	4	5	5	12	0	0	54
MERCEDES-BENZ AG																
Patents By Year of Grant:	5	3	1	1	5	0	0	2	2	3	6	5	1	4	15	53
Patents By Year of Application:	10	4	1	0	3	2	2	2	5	5	1	3	13	1	1	53
NOKIA MOBILE PHONES LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	4	7	16	22	4	53
Patents By Year of Application:	0	0	0	0	0	0	0	0	9	4	11	5	21	3	0	53
SAMSUNG ELECTRONICS CO., LTD.																
Patents By Year of Grant:	0	0	0	1	0	0	0	4	2	0	5	10	7	15	9	53
Patents By Year of Application:	1	0	0	0	0	0	6	0	9	8	7	2	15	4	1	53
YAMAHA HATSUDOKI KABUSHIKI KAISHA, YAMAHA MOTOR CO., LTD.																
Patents By Year of Grant:	16	6	12	1	1	1	3	0	5	6	1	0	0	1	0	53
Patents By Year of Application:	35	1	0	2	3	4	1	5	1	0	0	1	0	0	0	53

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	Pre 1983	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	TOTAL
AMERICAN GREETINGS CORPORATION																
Patents By Year of Grant:	1	0	6	9	12	14	4	0	1	0	1	1	2	1	0	52
Patents By Year of Application:	13	7	19	7	0	1	0	1	0	0	3	1	0	0	0	52
DURACRAFT CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	9	4	5	10	9	15	52
Patents By Year of Application:	0	0	0	0	0	0	0	6	7	2	4	14	6	13	0	52
GIROFLEX-ENTWICKLUNGS-AG																
Patents By Year of Grant:	10	9	3	0	0	5	1	1	12	0	0	1	6	2	2	52
Patents By Year of Application:	22	5	0	0	2	12	0	0	1	0	7	0	1	2	0	52
AKTIEBOLAGET ELECTROLUX																
Patents By Year of Grant:	4	0	0	0	0	2	2	2	2	7	5	8	6	5	8	51
Patents By Year of Application:	4	0	1	3	3	1	4	4	5	9	3	6	3	5	0	51
CARRIER CORPORATION																
Patents By Year of Grant:	5	0	2	3	3	1	1	5	3	3	5	4	7	8	1	51
Patents By Year of Application:	10	0	3	2	1	6	3	3	4	1	8	4	4	2	0	51
FRIEDRICH GROHE AKTIENGESELLSCHAFT																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	17	10	2	22	51
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	18	9	0	0	24	0	51
KRAFT GENERAL FOODS, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	6	6	8	10	19	2	0	51
Patents By Year of Application:	0	0	0	0	3	3	7	3	9	7	13	6	0	0	0	51
MITA INDUSTRIAL COMPANY LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	4	0	10	5	8	6	2	7	8	50
Patents By Year of Application:	0	0	0	0	4	5	5	6	8	5	2	8	7	0	0	50
MOLNLYCKE AB																
Patents By Year of Grant:	8	3	4	4	4	6	3	4	1	0	2	8	1	0	2	50
Patents By Year of Application:	18	4	6	4	1	4	0	1	1	8	1	0	1	1	0	50
ROBERT KRUPS STIFTUNG & CO. KG																
Patents By Year of Grant:	0	0	0	0	0	5	4	3	10	13	14	1	0	0	0	50
Patents By Year of Application:	0	0	3	6	2	11	11	15	2	0	0	0	0	0	0	50
ZIMMER, INC.																
Patents By Year of Grant:	1	0	4	1	0	4	0	0	0	0	2	5	3	12	18	50
Patents By Year of Application:	4	2	0	4	1	1	0	0	4	1	0	10	12	11	0	50
Other Organizations (19702)																
Patents By Year of Grant:	9932	1902	2091	2176	2454	2555	2408	2625	3281	3799	3742	4116	4601	4914	4954	55550
Patents By Year of Application:	15055	2404	2662	2789	2715	2893	3006	3033	3196	3265	3732	3911	4135	2683	71	55550